

# PATENT ABSTRACTS OF JAPAN

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(11) Publication number : 05-203988  
(43) Date of publication of application : 13.08.1993

(51) Int.CI. G02F 1/136  
G02F 1/133  
G02F 1/1333

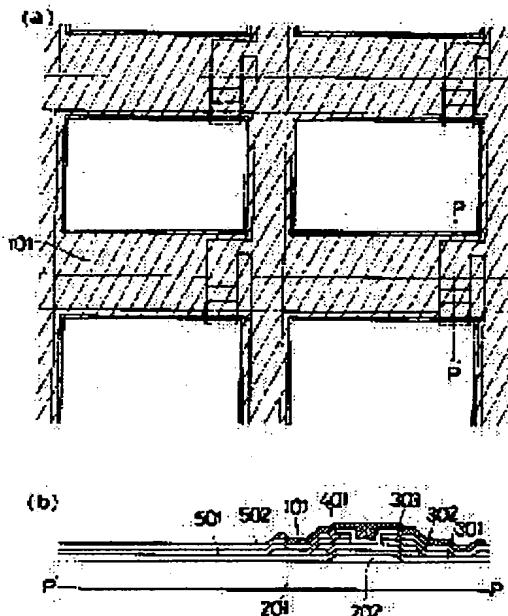
(21) Application number : 04-014274 (71) Applicant : SHARP CORP  
(22) Date of filing : 29.01.1992 (72) Inventor : YOSHIDA SHIGETO  
ADACHI MASAHIRO

## (54) PRODUCTION OF SCATTERING TYPE LIQUID CRYSTAL DISPLAY DEVICE OF ACTIVE MATRIX DRIVING SYSTEM

### (57) Abstract:

PURPOSE: To provide the scattering type liquid crystal display device of an active matrix system which can make display with high-grade images with high reliability.

CONSTITUTION: Scanning electrodes 202 are formed on one substrate 201 of plural insulating substrates. Plural thin-film transistor (TFT) substrates are installed on the scanning electrodes 202 and patterned signal electrode wires are provided thereon. Picture element electrodes 501 to be impressed with voltages from signal electrode wires are installed via the TFTs and the surfaces of the picture element electrodes 501 are coated with passivation films 502. Shielding films 101 are provided on the passivation films 502 so as to shield the TFT substrates, the picture element electrodes 501 and the non-display parts between the scanning electrode wires and between the signal electrode wires. A counter electrode is provided on the other substrate and a mixture composed of a monomer having a photopolymer characteristic and a liquid crystal material is injected between the counter electrode and the TFT substrates and is irradiated with light from the substrate side of the counter electrode, by which the polymer dispersion type liquid crystal layer is formed.



### LEGAL STATUS

[Date of request for examination] 26.01.1996

[Date of sending the examiner's decision of rejection]

[Kind of final disposal of application other than the examiner's decision of rejection or application converted registration]

[Date of final disposal for application]

[Patent number] 2801104

[Date of registration] 10.07.1998

[Number of appeal against examiner's decision of rejection]

[Date of requesting appeal against examiner's decision of rejection]

[Date of extinction of right]

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